



09/638026

CFC \$

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL For FY 2006		Complete if Known	
		Application Number	Patent#: 6,998,711 B1
		Filing Date	Issued: February 14, 2006
		First Named Inventor	Paul A. Farrar
		Examiner Name	N. Parekh
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Art Unit	2811	
TOTAL AMOUNT OF PAYMENT	(\$) 100.00	Attorney Docket No.	M4065.0082/P082-A

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check	<input checked="" type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input type="checkbox"/> Deposit Account	Deposit Account Number: <u>04-1073</u> Deposit Account Name: <u>Dickstein Shapiro Morin & Oshinsky LLP</u>
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

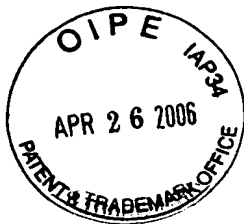
FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
	FILING FEES		SEARCH FEES		EXAMINATION FEES		
		Small Entity		Small Entity		Small Entity	
Application Type	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
2. EXCESS CLAIM FEES							
						Small Entity	
						Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
Total Claims		Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims		
- =		x	=		Fee (\$)		Fee Paid (\$)
HP = highest number of total claims paid for, if greater than 20.							
Indep. Claims		Extra Claims	Fee (\$)	Fee Paid (\$)			
- =		x	=				
HP = highest number of independent claims paid for, if greater than 3.							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets		Extra Sheets	Number of each additional 50 or fraction thereof		Fee (\$)	Fee Paid (\$)	
- 100 =		/50	(round up to a whole number) x		=		
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1811 Certificate of correction						100.00	

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	28,371
Name (Print/Type)	Thomas J. D'Amico	Telephone	(202) 828-2232
		Date	April 26, 2006

Certificate

MAY 01 2006

of Correction MAY 02 2006



Docket No.: M4065.0082/P082-A
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Paul A. Farrar

Patent No.: 6,998,711 B1

Issued: February 14, 2006

For: A SEMICONDUCTOR DEVICE HAVING A
SOLDER BALL CONTACT

REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR 1.322 & 1.323

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted errors which should be corrected.

The Title of the patent, "METHOD OF FORMING A MICRO SOLDER BALL FOR USE IN C4 BONDING PROCESS" **should read** --A SEMICONDUCTOR DEVICE HAVING A SOLDER BALL CONTACT--.

Applicant changed the title in an Amendment in Response to a Non-Final Office Action filed on March 17, 2005. That Amendment was acknowledged by the PTO in the Office Action mailed May 10, 2005.

In the **Specification**, Applicant made the following errors to be corrected:

MAY 02 2006

Column 1, line 34, "have developed" **should read** --have been developed--;

Column 2, line 28, "a IC" **should read** --an IC--; and

Column 6, line 29, "remove" **should read** --removes--.

In the **Specification**, the PTO made the following error to be corrected:

Column 1, line 41, "I/O Lines" **should read** --I/O lines--.

In the **Claims**, the PTO made the following error to be corrected:

Claim 7, column 8, line 10, "claim 4" **should read** --claim 1--.

During prosecution, claim 82 depended on claim 76. These claims are now mapped to claims 7 and 1.

The errors were both made by the PTO and found in the application as filed by Applicant. Please charge our Credit Card in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a). Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed.

The errors now sought to be corrected are inadvertent errors the correction of which does not involve new matter or require reexamination.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0082/P082-A.

Dated: April 26, 2006

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

DICKSTEIN SHAPIRO MORIN &
OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorney for Applicant

MAY 02 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 6,998,711 *B1*
APPLICATION NO. : 09/638,026
ISSUE DATE : February 14, 2006
INVENTOR : Paul A. Farrar

It is certified that an errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The Title of the patent, "METHOD OF FORMING A MICRO SOLDER BALL FOR USE IN C4 BONDING PROCESS"

should read --A SEMICONDUCTOR DEVICE HAVING A SOLDER BALL CONTACT--.

In the Specification, the following errors are corrected:

Column 1, line 34, "have developed" should read --have been developed--;

Column 1, line 41, "I/O Lines" should read --I/O lines--;

Column 2, line 28, "a IC" should read --an IC--; and

Column 6, line 29, "remove" should read --removes--.

In the Claims, the following error is corrected:

Claim 7, column 8, line 10, "claim 4" should read --claim 1--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Thomas J. D'Amico
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP 1
2101 L Street NW
Washington, DC 20037-1526

MAY 02 2006